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 Application ID: 09833282 
 Title of Invention: FIBER OPTIC ARRAY SWITCH
 First Named Inventor: Dan Steinberg
 Domestic/Foreign Application: Domestic Application
 Filing Date: 2001-04-12
 Effective Receipt Date: 2003-06-13
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 Confirmation number: 2027
 Attorney Docket Number: Haleos124

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Title of Invention	FIBER OPTIC ARRAY SWITCH
<p>Application Number: 09/833282 Date: 2001-04-12 First Named Applicant: Dan A. Steinberg</p> <p>Confirmation Number: 2027 Attorney Docket Number: Haleos124</p>	

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Submitted by:	Elec. Sign.	Sign. Capacity
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Documents being submitted us-ids	Files Haleos124-usidst.xml us-ids.dtd us-ids.xsl
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Comments

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US Patent Documents <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">init</th> <th style="width: 15%;">Cite.No.</th> <th style="width: 20%;">Patent No.</th> <th style="width: 15%;">Date</th> <th style="width: 25%;">Patentee</th> <th style="width: 10%;">Kind</th> <th style="width: 10%;">Class</th> <th style="width: 10%;">Subclass</th> </tr> </thead> <tbody> <tr><td></td><td>1</td><td>4120923</td><td>1978-10-17</td><td>Kloker et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>2</td><td>4150870</td><td>1979-04-24</td><td>d'Auria</td><td></td><td></td><td></td></tr> <tr><td></td><td>3</td><td>4165496</td><td>1979-08-21</td><td>Di Domenico, Jr. et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>4</td><td>4176908</td><td>1979-12-04</td><td>Wagner</td><td></td><td></td><td></td></tr> <tr><td></td><td>5</td><td>4210923</td><td>1980-07-01</td><td>North et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>6</td><td>4296995</td><td>1981-10-27</td><td>Bickel</td><td></td><td></td><td></td></tr> <tr><td></td><td>7</td><td>4325604</td><td>1982-04-20</td><td>Witte</td><td></td><td></td><td></td></tr> <tr><td></td><td>8</td><td>4498730</td><td>1985-02-12</td><td>Tanaka et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>9</td><td>4639074</td><td>1987-01-27</td><td>Murphy</td><td></td><td></td><td></td></tr> </tbody> </table>				init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4120923	1978-10-17	Kloker et al.					2	4150870	1979-04-24	d'Auria					3	4165496	1979-08-21	Di Domenico, Jr. et al.					4	4176908	1979-12-04	Wagner					5	4210923	1980-07-01	North et al.					6	4296995	1981-10-27	Bickel					7	4325604	1982-04-20	Witte					8	4498730	1985-02-12	Tanaka et al.					9	4639074	1987-01-27	Murphy			
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	10	4699457	1987-10-13	Goodman
	11	4756590	1988-07-12	Forrest et al.
	12	4859022	1989-08-22	Opdahl et al.
	13	4900118	1990-02-13	Yanagawa et al.
	14	5127084	1992-06-30	Takahashi
	15	5177804	1993-01-05	Shimizu et al.
	16	5179609	1993-01-12	Blonder et al.
	17	5185825	1993-02-09	Shigematsu et al.
	18	5187758	1993-02-16	Ueda et al.
	19	5297228	1994-03-22	Yanagawa et al.
	20	5390266	1995-02-14	Heitmann et al.
	21	5461683	1995-10-24	Harman
	22	5483608	1996-01-09	Yokomachi et al.
	23	5499309	1996-03-12	Kozuka et al.
	24	5555333	1996-09-10	Kato
	25	5566262	1996-10-15	Yamane et al.
	26	5568585	1996-10-22	Kramer
	27	5602951	1997-02-11	Shiota et al.
	28	5623564	1997-04-22	Presby
	29	5699463	1997-12-16	Yang et al.
	30	5732167	1998-03-24	Ishiko et al.
	31	5778123	1998-07-07	Hagan et al.
	32	5785825	1998-07-28	Hwang et al.
	33	5828800	1998-10-27	Henry et al.
	34	5901262	1999-05-04	Kobayashi et al.
	35	5909524	1999-06-01	Tabuchi
	36	5920665	1999-07-06	Presby
	37	6045270	2000-04-04	Weiss et al.
	38	6118917	2000-09-12	Lee et al.
	39	6160936	2000-12-12	You et al.
	40	6234687	2001-05-22	Hall et al.
	41	6328479	2001-12-11	Schofield et al.
	42	6393174	2002-05-21	Karaguleff et al.
	43	6393175	2002-05-21	Jurbergs et al.

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US Published Applications



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	1	20020025107	2002-02-28	Heiks et al.			
	2	20020146194	2002-10-10	Sherrer et al.			
	3	20020028037	2002-03-07	Steinberg et al.			
	4	20020025104	2002-02-28	Steinberg et al.			

Remarks

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